

CLAIMS

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5 1. In a data processing environment having a user terminal at a site for generating a service request responsively coupled via a publically accessible digital data communication network to a data base management system having at least one data base, the improvement comprising:

a security profile corresponding to said site whereby said data base management system permits said user terminal to access said at least one data base.

10 2. The improvement according to claim 1 wherein said security profile is generated by said data base management system.

15 3. The improvement according to claim 2 further comprising a special field responsively coupled to said service request whereby said data base management system receives said special field and generates said security profile corresponding to said site.

4. The improvement according to claim 3 wherein said publically accessible digital data communication network further comprises the internet.

20 5. The improvement according to claim 4 wherein said data base management system is MAPPER.

6. An apparatus comprising:

- a. a user terminal located at a site;
- b. a data base management system having access to a data base responsively coupled to said user terminal via a publically accessible digital data communication network; and
- c. a security profile generated by said data base management system corresponding to said site whereby said data base management system provides access to a particular portion of said data base corresponding to said security profile.

7. The apparatus of claim 6 wherein said user terminal accesses said data base by transferring a service request to said data base management system.

8. The apparatus of claim 7 wherein said service request further comprises a special field corresponding to said site.

9. The apparatus of claim 8 wherein said data base management system further comprises MAPPER.

10. The apparatus of claim 9 wherein said publically accessible digital data communication network further comprises the world wide web.

11. A method of utilizing a user terminal located at a site to access a remote data base management system having a data base via a publically accessible digital data communication

network comprising:

- a. transmitting a service request requiring access to said data base from said user terminal;
- b. receiving said service request by said remote data base management system;
- 5 c. determining a security profile corresponding to said site;
- d. comparing said security profile with said service request; and
- e. honoring said service request if and only if said service request corresponds to said security profile

12. A method according to claim 11 wherein said transmitting step further comprises transmitting a special field.

13. A method according to claim 12 wherein said determining step further comprises generating said security profile corresponding to said special field.

14. A method according to claim 13 wherein said publically accessible digital data communication network further comprises the internet.

15. A method according to claim 14 wherein said remote data base management system further
20 comprises the MAPPER data base management system.

~~Sub A17~~ 16. An apparatus comprising:

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- a. means located at a site for permitting a user to interact with a data base responsively coupled via a publically accessible digital data communication network;
 - b. means responsively coupled to said permitting means via said publically accessible digital data communication network for offering data processing services involving access to said data baser in response to said service request;
 - c. means responsively coupled to said offering means for preventing said offering means from offering said data processing services to said user in response to said service request unless said site corresponds to a security profile wherein said security profile permits access to said data base.

15 17. An apparatus according to claim 16 wherein said publically accessible digital data communication network further comprises the internet.

18. An apparatus according to claim 17 wherein said permitting means further comprises means for transmitting a special field corresponding to said site.

19. An apparatus according to claim 18 wherein said offering means further comprises MAPPER data base management system.

20 20. An apparatus according to claim 19 wherein said permitting means further comprises an industry standard personal computer.